

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A frequency searching method comprising:

receiving system information from a Radio Resource Control of a UMTS Terrestrial Radio Access Network, wherein the received system information comprises frequency information of service vendors;

~~obtaining a frequency usage frequencies of each service vendor vendors from the received system information, each of the obtained frequencies corresponding to a frequency band of use for respective service vendors;~~

~~performing a cell search about the obtained frequency of one service vendor based on the obtained frequency of the one service vendor; and~~

~~performing a cell search about a specific frequency band when a requested frequency is not found when performing the cell search about the obtained frequency of the one service vendor~~

~~storing the obtained usage frequencies of service vendors in memory of user equipment; and~~

~~sequentially performing a cell search by scanning the stored usage frequencies and a frequency band allocated to each service vendor,~~

~~wherein the cell search is preferentially performed about the stored usage frequencies of the service vendors, and then performed about all frequency band allocated~~

to each service vendor when a requested frequency is not found when searching the stored frequencies of the service vendors.

2. (Previously Presented) The method of claim 1, wherein the system information is received by a mobile communication terminal from the Radio Resource Control of the UMTS Terrestrial Radio Access Network.

3-4. (Canceled)

5. (Original) The method of claim 1, wherein receiving the system information comprises receiving the system information in a system information block.

6. (Currently Amended) The method of claim 5, further comprising transmitting the system information block including the usage frequency of each service vendor.

7. (Previously Presented) The method of claim 1, wherein the system information is received from the Radio Resource Control of the UMTS Terrestrial Radio Access Network through a broadcast control channel.

8. (Canceled)

9. (Previously Presented) The method of claim 1, further comprising:

updating stored frequencies based on the received system information from the Radio Resource Control of the UMTS Terrestrial Radio Access Network.

10-15. (Canceled)

16. (Currently Amended) A mobile communication apparatus comprising:

a receiving device to receive system information from a Radio Resource Control of a UMTS Terrestrial Radio Access Network, wherein the received system information comprises frequency information of service vendors;

a memory to store frequency information regarding usage frequencies of service vendors obtained from the received system information and a frequency band allocated to each service vendor; and

~~a processing device to obtain a frequency of a particular service vendor from the memory, wherein the processing device performs a cell search about the obtained frequency when searching the frequency information stored in the memory, the cell search being based on the received system information, the processing device further performing another cell search about a specific frequency band when a frequency is not found during the cell search about the stored frequency information for the particular service vendor~~
sequentially perform a cell search by scanning the stored usage frequencies and a frequency band allocated to each service vendor.

wherein the processing device preferentially performs the cell search about the stored usage frequencies of the service vendors, and then performs about all frequency band allocated to each service vendor when a requested frequency is not found when searching the stored frequencies of the service vendors.

17-18. (Canceled)

19. (Original) The apparatus of claim 16, wherein the receiving device receives the system information in a system information block.

20. (Previously Presented) The apparatus of claim 16, wherein the receiving device receives the system information from the network through a broadcast control channel.

21. (Canceled)

22. (Original) The apparatus of claim 16, wherein the processing device updates stored frequencies in the memory based on received system information from the network.

23-24. (Canceled)